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## TRANSMITTAL FORM

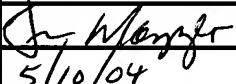
(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/791,231	
	Filing Date	March 2, 2004	
	First Named Inventor	Prabhakar R. Chitrapu	
	Art Unit	Not Yet Known	
	Examiner Name	Not Yet Known	
Total Number of Pages in This Submission		Attorney Docket Number	I-2-0256.2US

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): <b>PTO-1449; copy of one (1) reference cited.</b>
<input type="checkbox"/> Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Frank A. Mazzeo Volpe and Koenig, P.C.	Reg. No. 46,259
Signature		
Date	5/10/04	

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Frank A. Mazzeo
Signature	
	Date 5/10/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Prabhakar R. Chitrapu

Application No.: 10/791,231

Our File: I-2-0256.2US

Filed: March 2, 2004

Date: May 10, 2004

For: COGNITION MODELS FOR WIRELESS  
COMMUNICATION SYSTEMS AND METHOD  
AND APPARATUS FOR OPTIMAL  
UTILIZATION OF A RADIO CHANNEL BASED  
ON COGNITION MODEL DATA

Group: Not Yet Known

Examiner: Not Yet Known

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
INCLUDING RULE 1.97(e)(2) AND RULE 1.704(d) STATEMENTS**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicant wishes to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. References AK-AL were cited in a communication in related U.S. Application No. 10/305,048 (Attorney Docket No. I-2-0256.1US). Copies of references AK-AL, U.S. patents, are not enclosed pursuant to 37 CFR §1.98. A copy of reference AM is enclosed.

Pursuant to Rule 1.704(d), the undersigned certifies that references AK-AL contained in this Supplemental Information Disclosure Statement (SIDS) was cited in

Applicant: Prabhakar R. Chitrapu  
Application No.: 10/791,231

a communication from the U.S. Patent and Trademark Office and that this communication was not received by any individual designated in §1.56(c) more than thirty (30) days prior to the filing of the SIDS. May 8 and 9, 2004 were a Saturday and Sunday, respectively.

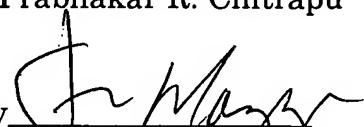
Although not required since no office action has issued yet in the instant case, the undersigned hereby makes a statement under 37 C.F.R. §1.97(e)(2): no item of information contained in this SIDS was cited in any communication from a foreign patent office in a counterpart foreign application, nor, to the knowledge of the undersigned after making reasonable inquiry, known to any individual designated in §1.56(c) more than three months prior to the filing of this SIDS.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the Form PTO-1449 indicating consideration of the cited materials.

Respectfully submitted,

Prabhakar R. Chitrapu

By

  
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FAM/kr  
Enclosures

FORM PTO-1449	ATTY. DOCKET NO. I-2-0256.2US	SERIAL NO. 10/791,231
<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>O I P E S C A R</b> <b>MAY 12 2004 INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>		
	<b>APPLICANT</b> Prabhakar R. Chitrapu	
	FILING DATE March 2, 2004	GROUP Not Yet Known

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AM	Mitola, Joseph, III, and Maguire, Gerald Q., Jr., "Cognitive Radio: Making Software Radios More Personal," IEEE Personal Communications, August 1999, pgs. 13-18.

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.